ISHITA JAGGI

Houston, TX | +1 (832) 621-7172 | ishita.official04@gmail.com | linkedin.com/in/ishita-jaggi

EDUCATION

Texas A&M University, College Station, TX   **GPA: 3.8**
B.S. Computer Engineering   May, 2026
- Craig and Galen Brown Engineering Honors; Dean's Honor Roll List
- Relevant Coursework: Java, Python, C, C++, Linux OS, JavaScript, HTML, CSS, SQL, Verilog (HDL), Analog Devices

EXPERIENCE

Procter & Gamble, *Technical Engineering Intern*, Iowa City, IA   **May 2025 - August 2025**
- Led cross-functional initiatives to streamline three engineering workflows using AI-powered automation tools (e.g., Python-based ML scripts and custom GPT prompts), reducing manual effort and increasing data accuracy by 30%
- Conducted root-cause analysis and implemented lean strategies on two packaging lines, boosting efficiency by 25% and contributing to predictive maintenance modeling using anomaly detection algorithms
- Partnered with engineering, operations, and digital innovation teams to build an AI transformation roadmap, identifying four high-impact manual processes for future AI model deployment (e.g., computer vision for quality control)

Mastercard, *Cybersecurity Virtual Experience Program (Forage)*, Virtual   **July 2025**
- Simulated consulting engagement with Mastercard's Security Awareness team, leveraging behavioral data insights to propose AI-enhanced training modules
- Identified internal phishing threats and proposed using NLP-based classifiers to detect suspicious email patterns at scale

Texas A&M University Technology Services, *Student Technician*, College Station, TX   **September 2024 - present**
- Spearheading infrastructure upgrades and contributing to the design of AI-assisted helpdesk solutions using LLM-based chatbots for university-wide tech support
- Collaborating with IT, cybersecurity, and data teams to pilot cloud-based anomaly detection tools
- Assist cybersecurity team with active directory hardening, user access reviews, and endpoint monitoring across 5,000+ devices

Orbia, *Cyber Security Intern*, Houston, TX   **June 2024 - August 2024**
- Conducted internal threat modeling and vulnerability assessments using Nessus/Nmap; drafted remediation reports for 12 findings
- Drafted internal documentation for responsible AI use; designed phishing simulation templates and tracked user susceptibility
- Supported enterprise security operations across cloud and on-prem infrastructure; monitored SIEM alerts and triaged incidents based on risk levels
- Worked closely with GRC team to map NIST CSF controls to internal audit reports

ConocoPhillips, *Engineering Externship*, Houston, TX   **January 2024**
- Shadowed infrastructure security engineers working on OT/ICS system defense and critical asset protection
- Gained exposure to the use of machine learning for subsurface data analysis, access control policies, and cyber risk prioritization

Sterlite Technologies, *IT Intern,* Houston, TX   **December 2023 - January 2024**
- Researched cloud-native security solutions using SAP BTP and AI analytics; documented threat detection capabilities
- Developed internal dashboards using AI-augmented data visualization; proposed role-based access model

LEADERSHIP EXPERIENCE

TAMU Women In Cybersecurity   **September 2024 - present**
- Compete in CTFs focused on network forensics, crypto, and reverse engineering (TryHackMe, Hack The Box)
- Participated in workshops on adversarial machine learning, cloud security, and ethical hacking

TAMU Society of Women Engineers   **September 2023 - present**
- Designed interactive demos showcasing how machine learning models can be used to detect anomalous network behavior
- Organized career panels discussing AI and cybersecurity intersections, especially in defense and infrastructure security

TAMU Society of Asian Scientists and Engineers   **September 2023 - present**
- Collaborated with industry professionals from Capital One, Booz Allen Hamilton, and PwC on mock AI threat modeling
- Explored applications of AI in digital identity verification, federated learning, and real-time threat intelligence systems

SKILLS AND INTERESTS

- *Other Skills:* MS Office, excellent communication, critical thinking, strategic problem-solving skills
- *Languages:* English, Hindi, Urdu, Punjabi